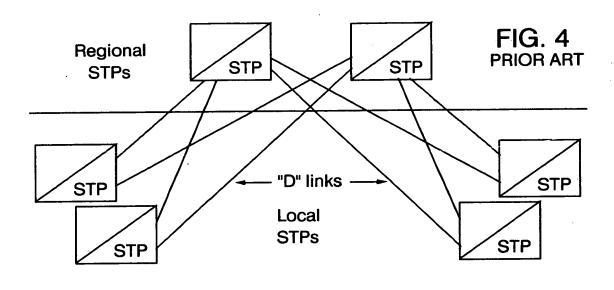
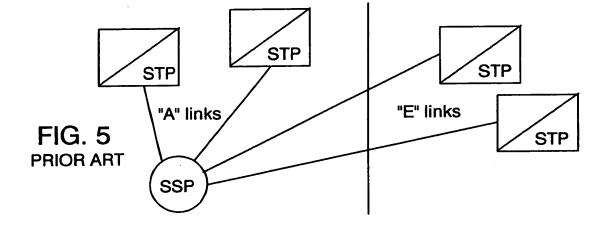
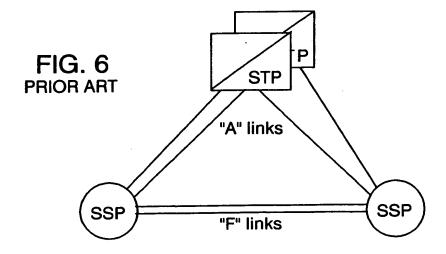
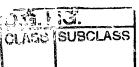


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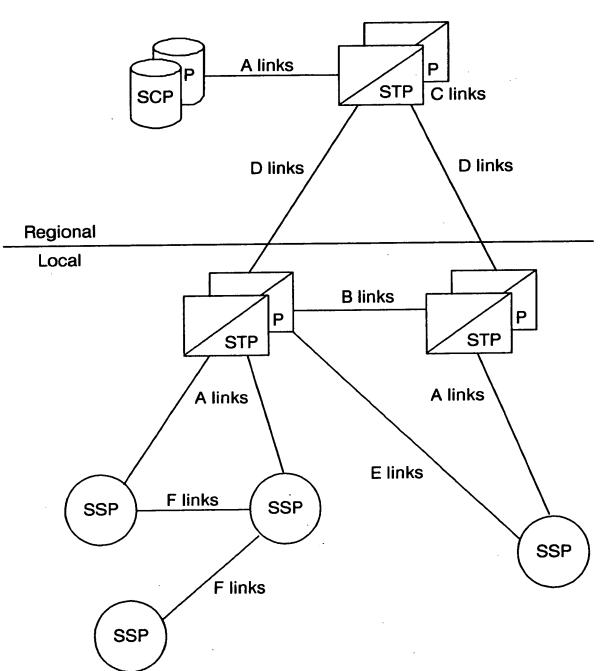












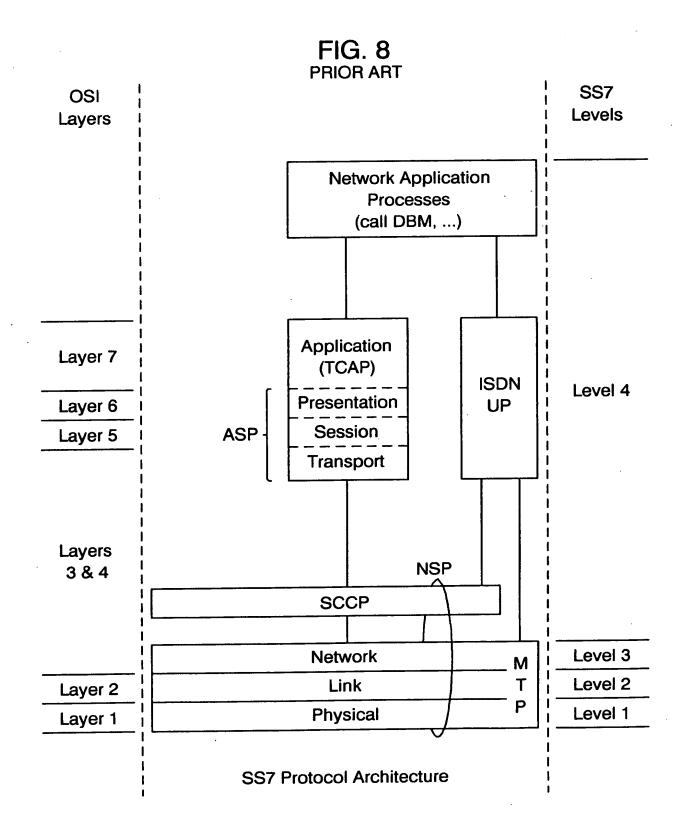
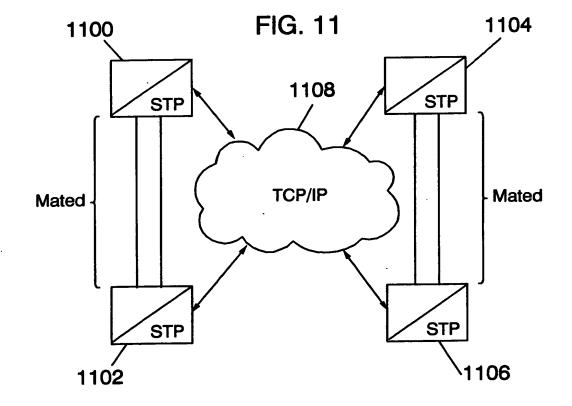
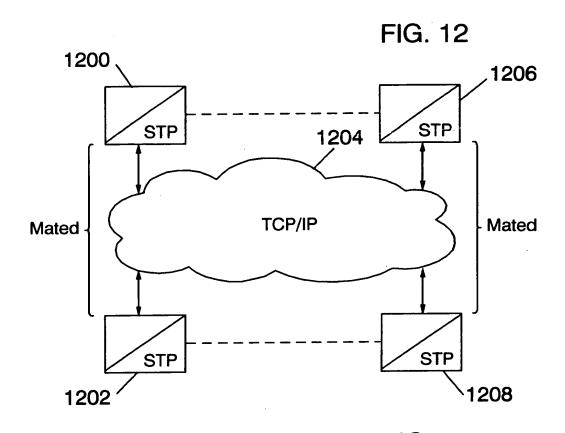


FIG. 9 **PRIOR ART** 900 910 Maintenance and Administration Subsystem (MAS) **MAS Communication Application** Processor (MCAP) Terminal Disk Module (TDM) Maintenance Disk and Alarm Card (MDAL) 920 **Communication Subsystem** Interprocessor Message Transport (IMT) Maintenance Bus IMT Power and Multiplexer (IPMX) 940 950 960 **Application Application** Link Communication Service Interface Module Module Module (ACM) (LIM) (ASM)

> 930 / Application Subsystem





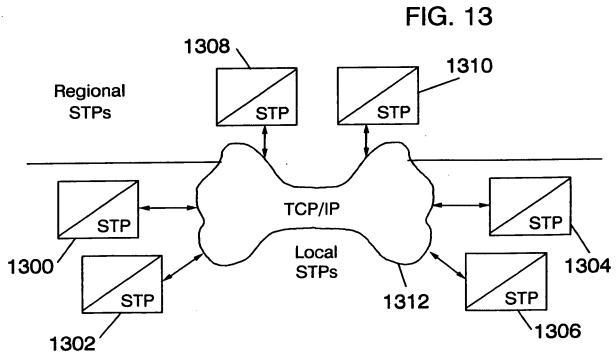


FIG. 14

1406

STP

STP

STP

1402

TCP/IP

STP

1410

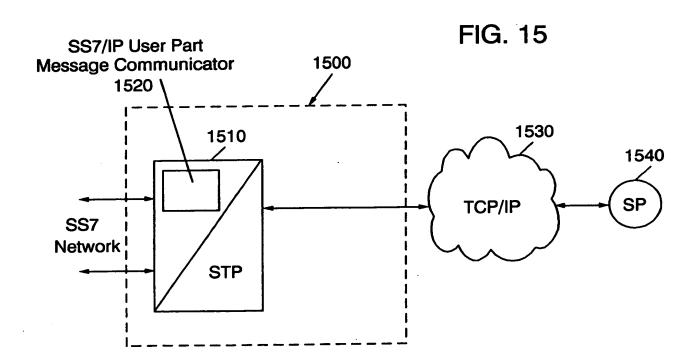


FIG. 16

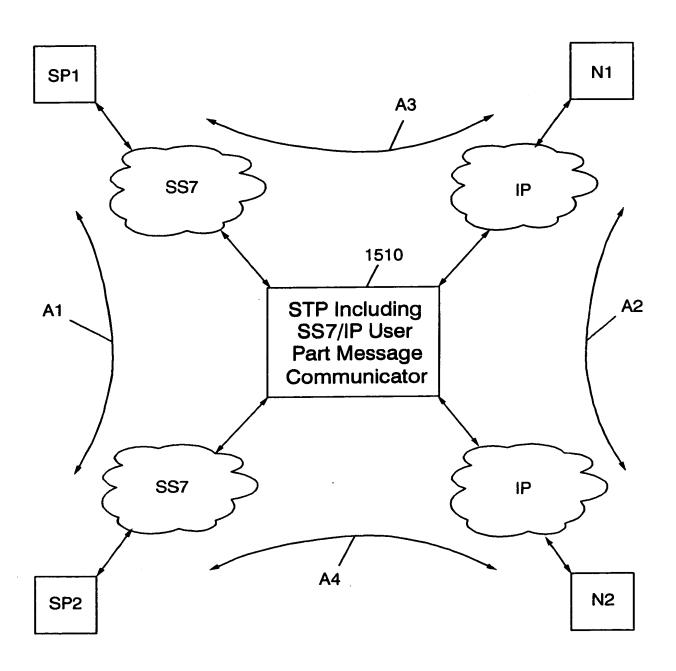
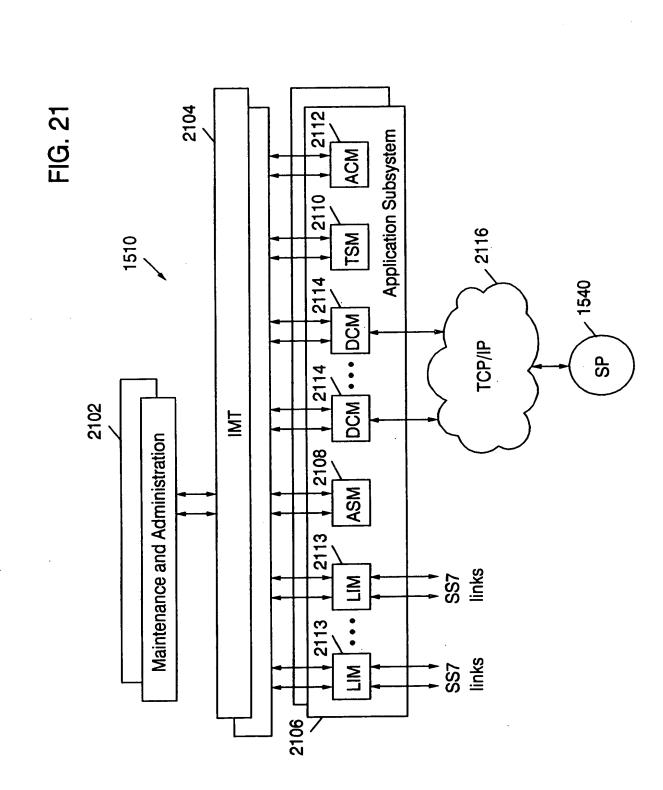


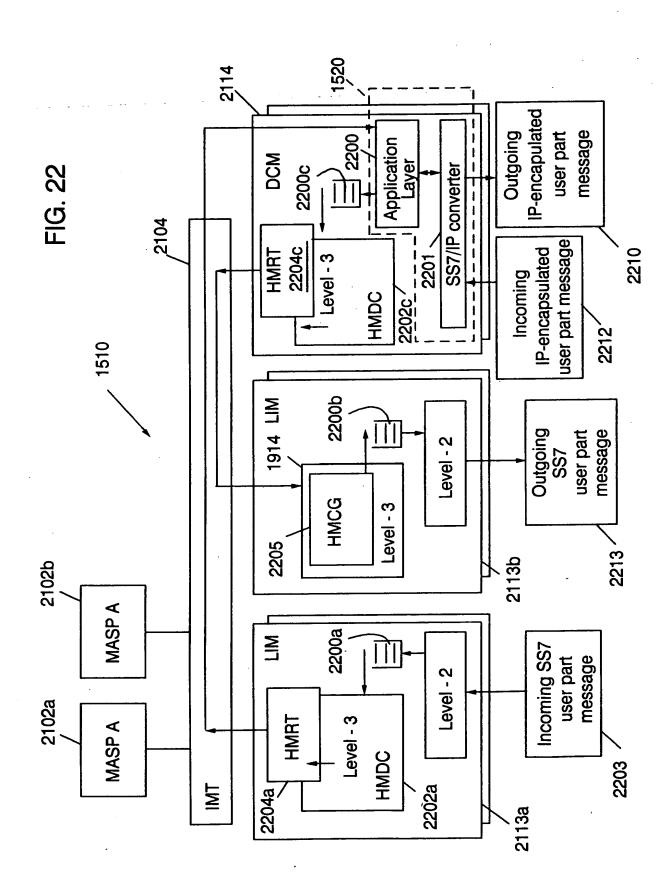
FIG. 18

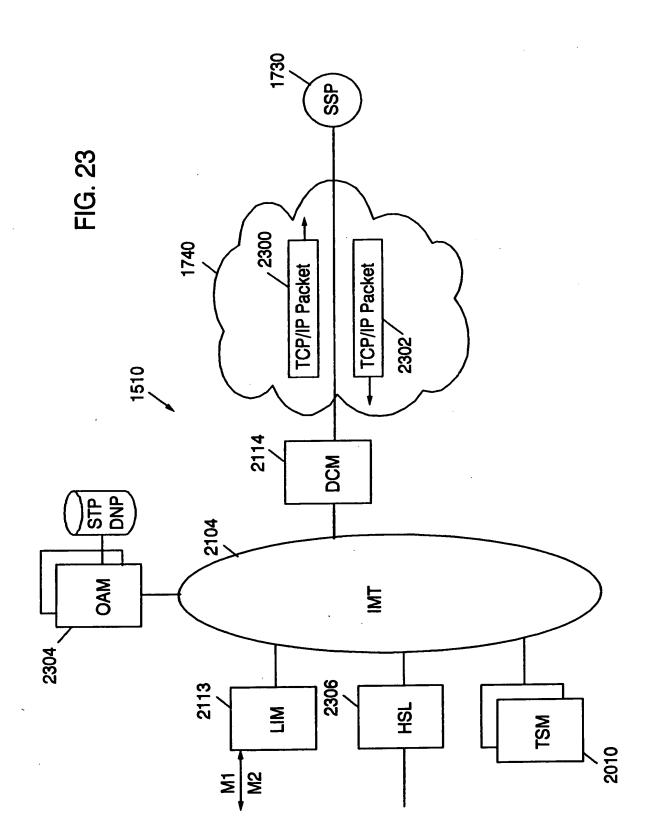
SSP 1700			STP 510	SSP 1730 I
1	IAM	OPC = 100.100.101 DPC = 200.200.201		OPC = 100.100.101 AM DPC = 200.200.201
2	ACM	OPC = 200.200.201 DPC = 100.100.101		OEST IP ADDR = 128.10.2.30 OPC = 200.200.201 ACM DPC = 100.100.101
2	ANM	OPC = 200.200.201 DPC = 100.100.101		OEST IP ADDR = 128.10.2.30 OPC = 200.200.201 ANM DPC = 100.100.101
3	REL	OPC = 200.200.201 DPC = 100.100.101		OEST IP ADDR = 128.10.2.30 OPC = 200.200.201 REL DPC = 100.100.101
5	RLC	OPC = 100.100.101 DPC = 200.200.201		DEST IP ADDR = 128.10.2.31 OPC = 100.100.101 RLC DPC = 200.200.201

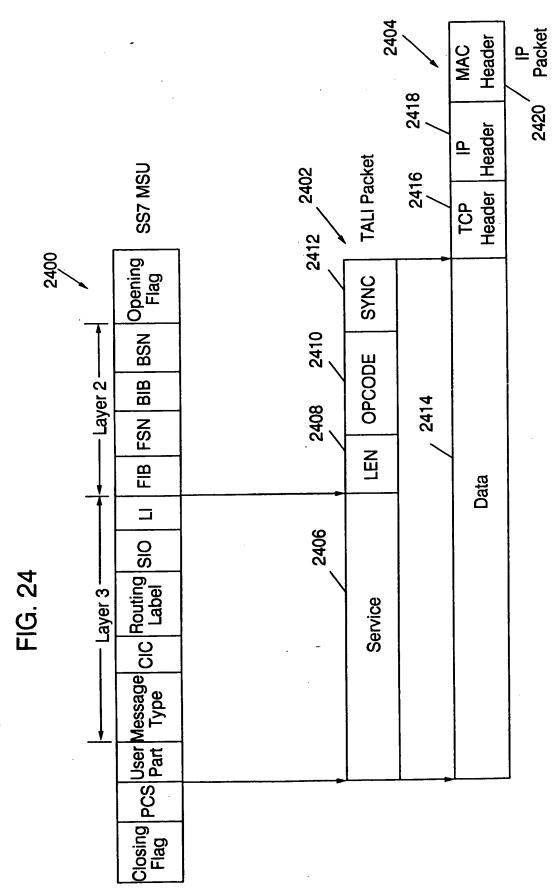
FIG. 19 FIG. 20 ST₁ ST₁ Receive SS7 user part Receive TCP/IP message message including encapsulated ST2 SS7 user part message Remove MTP levels 1 and 2 ST2 information retain MTP level 3 informaton Remove IP network layer ST3 ST3 Place remaining MTP level and user part level in TCP transport layer Remove TCP transport layer ST4 ST4 Attach MTP levels Add IP network layer 1 and 2 information ST5 ST5 Transmit TCP/IP message **Route Complete** to IP address SS7 Message to SP End End



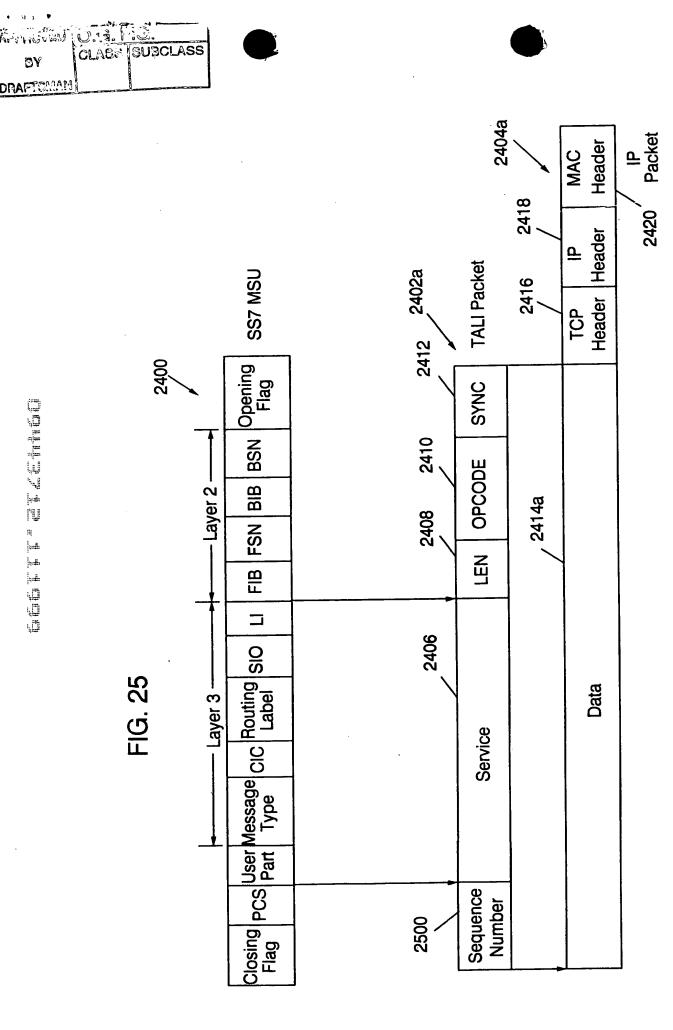
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FIG. 26

